
7. LIST OF PREPARERS

SUSAN LESICA, DEPARTMENT OF ENERGY, NE-40

EIS RESPONSIBILITIES: EIS DOCUMENT MANAGER

Education: M.S., Materials Science and Engineering, University of Texas
B.S., Materials Science and Engineering, Rensselaer Polytechnic Institute

Experience/

Technical Specialty: Four years. Environment, safety and health, materials characterization, demilitarization of excess munitions.

RAJ SHARMA, DEPARTMENT OF ENERGY, NE-40

EIS RESPONSIBILITIES: NEPA COMPLIANCE OFFICER

Education: Ph.D., Utah State University
M.S., Zoology, Agra University
B.C., Chemistry, Zoology, Botany, Agra University

Experience/

Technical Specialty: Thirty years. Environmental sciences, regulatory compliance and NEPA evaluations of nuclear facilities.

DAN FUNK, DEPARTMENT OF ENERGY, NE-40

EIS RESPONSIBILITIES: PROGRAM MANAGER

Education: TVA Manager Certification (Senior Reactor Operator)
Naval Nuclear Engineer Certification
Naval Nuclear Power School and Nuclear Prototype Training
B.S., Applied Mathematics, Georgia Institute of Technology

Experience/

Technical Specialty: Twenty-four years. Naval nuclear propulsion and surface warfare experience, nuclear engineering, external affairs, license renewal, electrometallurgical treatment research and development.

W. GREGORY BASS, DEPARTMENT OF ENERGY

EIS RESPONSIBILITIES: REVIEWER

Education: B.S., Civil Engineering, Georgia Institute of Technology

Experience/

Technical Specialty: Sixteen years. Public works design, construction, and environmental regulatory compliance oversight.

KARL E. WALTZER, DEPARTMENT OF ENERGY

***EIS RESPONSIBILITIES:* TECHNOLOGY DEVELOPMENT**

Education: B.S., Mechanical Engineering, West Virginia University

Experience/

Technical Specialty: Eighteen years nuclear industry experience in maintenance, waste management, safety analysis, and chemical separations technology.

IBRAHIM H. ZEITOUN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* RESPONSIBLE CORPORATE OFFICER AND SENIOR REVIEWER**

Education: Ph.D., Environmental Sciences, Michigan State University
M.S., Fisheries, Michigan State University
B.S., Chemistry & Zoology, University of Alexandria

Experience/

Technical Specialty: Twenty-five years. Environmental regulatory compliance and assessments, waste management, environmental assessments, and National Environmental Policy Act (NEPA) compliance.

STEVEN M. MIRSKY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PROJECT MANAGER**

Education: M.S., Nuclear Engineering, Pennsylvania State University
B.E., Mechanical Engineering, The Cooper Union

Experience/

Technical Specialty: Twenty-three years. Safety analysis, nuclear power plant design, operations, foreign nuclear power plant system analysis, and spent nuclear fuel dry storage safety analysis.

JAMES R. SCHINNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* DEPUTY PROJECT MANAGER**

Education: Ph.D., Wildlife Management, Michigan State University
M.S., Zoology, University of Cincinnati
B.S., Zoology, University of Cincinnati

Experience/

Technical Specialty: Twenty-six years. Ecological field assessments, NEPA documentation, regulatory reviews.

ROY KARIMI, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER MANAGER FOR ENVIRONMENTAL CONSEQUENCES

Education: Sc.D., Nuclear Engineering, Massachusetts Institute of Technology
N.E., Nuclear Engineering, Massachusetts Institute of Technology
M.S., Nuclear Engineering, Massachusetts Institute of Technology
B.S., Chemical Engineering, Abadan Institute of Technology

Experience/

Technical Specialty: Twenty-three years. Nuclear power plant safety, risk and reliability analysis, design analysis, criticality analysis, and probabilistic risk assessments.

ARIS PAPADOPOULOS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER MANAGER FOR INTRODUCTION AND PROPOSED ACTION

Education: M.S., Nuclear Engineering, University of Utah
B.S., Physics, Hamline University

Experience/

Technical Specialty: Twenty-four years. Safety analysis assessments, regulatory reviews, reactor safety, fuel cycle facility systems, radioactive waste management, and accident analysis support.

MARY ANDERSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ACCIDENT CONSEQUENCE ANALYSIS

Education: M.S., Hazardous Waste Management, Idaho State University
B.S., Physics with Health Physics Emphasis, Idaho State University

Experience/

Technical Specialty: Seven years. Radiological risk assessment, transportation risk assessment, health physics.

PAULA AUSTIN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: SAVANNAH RIVER SITE LIAISON

Education: B.S., Management and Technology, University of Maryland

Experience/

Technical Specialty: Twenty two years. Nuclear and waste management policy analysis, technical writing, and communications.

RAKESH BAHADUR, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ENVIRONMENTAL JUSTICE AND GEOGRAPHIC INFORMATION SYSTEMS (GIS)**

Education: Ph.D., Groundwater Hydrology, Colorado State University
M.S., Groundwater Hydrology, Colorado State University
M.S., Geology, Punjab University

Experience/

Technical Specialty: Seventeen years. Hydrology, water pollution and hazardous waste management, site characterization, environmental assessments, risk management, modeling, and high-resolution simulation.

KEN BULMAHN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* SPENT NUCLEAR FUEL CHARACTERIZATION**

Education: B.S., Mechanical Engineering, Purdue University
Graduate studies, Safety Analysis, University of Idaho

Experience/

Technical Specialty: Twenty-five years. Spent nuclear fuel management, safety analysis, probabilistic risk assessment.

SYDEL CAVANAUGH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PUBLIC OUTREACH**

Education: B.A., Interdisciplinary Studies - Personnel/Sociology, University of Maryland

Experience/

Technical Specialty: Fourteen years. Public participation, technical writing, and communications.

ALVA L. COLLINS, JR., SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* CHEMICAL PROCESS TECHNICAL EXPERT**

Education: Ph.D., Inorganic Chemistry, Duke University
M.B.A., Public Sector Management, Wharton Graduate School, University of Pennsylvania
M.A., Inorganic Chemistry, Duke University
A.B., Chemistry, Oberlin College

Experience/

Technical Specialty: Twenty two years. Strategic and program planning, methodology development.

GARY DeMOSS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* TRANSPORTATION**

Education: M.S., Engineering Administration, Virginia Polytechnic Institute
B.S., Mechanical Engineering, University of Virginia

Experience/

Technical Specialty: Seventeen years. Transportation risk analysis and reliability and safety engineering.

THOMAS ENYEART, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ANL-W/INEEL LIAISON**

Education: M.S., Nuclear Engineering (Radiation Protection Option), Georgia Institute of Technology
M.S., Environmental Engineering, Georgia Institute of Technology
B.S., Physics, Georgia Institute of Technology

Experience/

Technical Specialty: Twenty-three years. Radiological and chemical risk assessment, transportation risk assessment, accident analysis, environmental analysis.

DANIEL W. GALLAGHER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* NUCLEAR REACTOR ENGINEERING, REACTOR CORE PHYSICS**

Education: M.S., Nuclear Engineering, Rensselaer Polytechnic Institute
B.S., Nuclear Engineering, Rensselaer Polytechnic Institute

Experience/

Technical Specialty: Seventeen years. Reliability and risk engineering, probabilistic safety assessments, plant design, and regulatory analysis.

GRACE GILDEN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PUBLIC OUTREACH**

Education: B.S., Journalism, University of Maryland

Experience/

Technical Specialty: Twenty two years. Public participation, technical writing, meeting planning, media and public affairs.

CONSTANCE M. HAGA, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* NONRADIOLOGICAL ASSESSMENTS**

Education: B.S., Meteorology, Pennsylvania State University

Experience/

Technical Specialty: Thirteen years. Air and water quality analyses.

DIANE HARMS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* TECHNICAL EDITING**

Education: B.F.A., Fine Art, University of Connecticut

Experience/

Technical Specialty: Fifteen years. Technical writing and editing.

CATHY GORIN HAUPT, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* REGULATORY COMPLIANCE**

Education: M.S., Science Education (Biology), Clarion University
B.S., Secondary Education (Geography/Environmental Science), Clarion State College

Experience/
Technical Specialty: Twenty years. Environmental compliance, project management, communications, science education, hazardous waste training.

W. HOUSE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ACCIDENT DEVELOPMENT**

Education: B.S., Geological Engineering, University of Idaho
Graduate studies, Nuclear Engineering, Environmental Science, Groundwater Hydrology, University of Idaho

Experience/
Technical Specialty: Fifteen years. Accident analysis, safety analysis, environmental analysis.

CATHY HUSS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PUBLIC OUTREACH, RESEARCH, GLOBAL INFORMATION SYSTEMS**

Education: M.S., Environmental Science, Indiana University
M.S., Secondary Education (Chemistry/Biology), Indiana University
B.S., Biology, Indiana University

Experience/
Technical Specialty: Seven years. Technical writing, science education.

CHARLOTTE JOHNSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PUBLIC OUTREACH AND SCOPING LEAD**

Education: M.S., Technology Management, University of Maryland
B.S., Chemistry, University of Maryland

Experience/
Technical Specialty: Twenty years. Environmental and waste management, regulatory compliance, NEPA, risk and public communication, industrial hygiene, project management.

MICHAEL S. KING, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ENVIRONMENTAL CONSEQUENCE ANALYSIS**

Education: Ph.D. Candidate, Health Physics, Florida State University
M.S., Health Physics, Florida State University
B.S., Physics and Applied Mathematics, Florida State University

Experience/
Technical Specialty: Radiological and risk assessment, analysis of treatment methods for mixed waste.

MIKE MCKENZIE-CARTER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* NORMAL OPERATIONS AND WASTE GENERATION**

Education: M.S., Radiation Health, Oregon State University
B.A., Zoology, Humboldt State University

Experience/

Technical Specialty: Seventeen years. Radiological risk assessment, health physics, environmental analysis.

STEVE MIXON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* PUBLIC PARTICIPATION ISSUES, TECHNICAL EDITING**

Education: B.S., Communications, University of Tennessee

Experience/

Technical Specialty: Eleven years. Technical writing and editing.

KATHERINE NIEDERHELMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* TECHNICAL EDITING, COORDINATION**

Education: B.G.S., General Studies, University of Maryland

Experience/

Technical Specialty: Fifteen years. Emergency management, training; technical writing and editing.

JEFFREY J. RIKHOFF, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* TECHNICAL INFORMATION COORDINATOR, SOCIOECONOMICS, ENVIRONMENTAL JUSTICE, AND REGULATORY ISSUES**

Education: M.R.P., Regional Planning, University of Pennsylvania
M.S., International Economic Development and Appropriate Technology,
University of Pennsylvania
B.A., English, DePauw University

Experience/

Technical Specialty: Twelve years. NEPA compliance, regulatory compliance and permitting, socioeconomics, environmental justice, comprehensive land-use and development planning, and cultural resources.

ROBERT SCHLEGEL, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* RADIOLOGICAL IMPACT ASSESSMENTS AND ACCIDENTS**

Education: Degree of Nuclear Engineer, Columbia University
M.S., Nuclear Engineering, Columbia University
B.S., Chemical Engineering, Massachusetts Institute of Technology

Experience/

Technical Specialty: Thirty-four years. Radiological impact assessments, radiological dose/health effects calculations, safety analysis

BARRY SMITH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* SENIOR REVIEW, LEGAL AND REGULATORY ISSUES**

Education: J.D., George Washington University National Law Center
B.A., Political Science, Indiana University

*Experience/
Technical Specialty:* Twenty-five years. NEPA compliance, environmental law, regulatory compliance, and waste management.

CARL A. SNYDER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* RADIOLOGICAL ASSESSMENT ANALYSIS**

Education: B.S., Nuclear Engineering, University of Maryland
B.S., Mathematics, University of Maryland

*Experience/
Technical Specialty:* Six years. Nuclear safety, nuclear criticality, thermal hydraulics, licensing, accident analysis, and dose consequences.

CATHY STEWART, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* ADMINISTRATIVE RECORD**

Education: Computer Information Systems course work, Strayer College

*Experience/
Technical Specialty:* Twenty years. Database and records management, congressional affairs.

GILBERT H. WALDMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* RADIOLOGICAL ASSESSMENT ANALYSIS**

Education: M.S., Engineering Candidate, Technical Management, Johns Hopkins University
B.S., Nuclear Engineering, University of Florida

*Experience/
Technical Specialty:* Seven years. Radiological impacts analysis, radiological dose modeling, and radiological risk assessments.

ROBERT H. WERTH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

***EIS RESPONSIBILITIES:* NONRADIOLOGICAL ASSESSMENT ANALYSIS**

Education: B.A., Physics, Gordon College

*Experience/
Technical Specialty:* Twenty-four years. Acoustics and air quality analysis, regulatory reviews, and NEPA documentation.

JOHN W. WILLIAMS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ENVIRONMENTAL JUSTICE

Education: Ph.D., Physics, New Mexico State University
M.S., Physics, New Mexico State University
B.S., Mathematics, North Texas State University

Experience/

Technical Specialty: Twenty-three years. NEPA compliance, electromagnetic models, air quality modeling, and ionizing radiation impacts and safety.